

App. No. 10/650,263
Amdt. Dated February 8, 2005
Reply to Office Action of December 12, 2004
Atty. Dkt. No. 9278-100 (formerly 9129-111)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Baudenbacher, et al.

Title: SUPERCONDUCTING QUANTUM
INTERFERENCE APPARATUS AND
METHOD FOR HIGH RESOLUTION
IMAGING OF SAMPLES

Appl. No.: 10/650,263

Filing Date: August 27, 2003

Examiner: Kenneth J. Whittington

Art Unit: 2862

<p>CERTIFICATE OF FIRST CLASS MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service, as First Class Mail on the date indicated below and is addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450.</p> <p><u>3/8/05</u> Date of Deposit)</p> <p>Bernard L. Kleinke (Printed Name)</p> <p><u>Bernard L. Kleinke</u> (Signature)</p>
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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR § 1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present Application or that such document is considered material to patentability as defined in 37 CFR § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference

any document which is determined to be a *prima facie* art reference against the claims of the present Application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR § 1.97(b), before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by the fee set forth in § 1.17(p).

RELEVANCE OF EACH DOCUMENT

The relevance of the documents is described in the present specification. All of the documents are in English. Applicants respectfully request that any listed documents be considered by the Examiner and be made of record in the present Application and that any initial copy of Form PTO/SB/08 be returned in accordance with MPEP § 609.


PETITION AND FEE

It is hereby respectfully petitioned that the attached listed documents be considered by the Examiner and formally made of record. A petition fee in the amount of \$180.00 in accordance with 37 CFR § 1.17(l) is enclosed.

Date: March 8, 2005

DUCKOR SPRADLING METZGER & WYNNE
A Law Corporation
401 West A Street, Suite 2400
San Diego, California 92101-7915
Telephone No.: (619) 231-3666
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Respectfully submitted,

By 

Bernard L. Kleinke
Attorney for Applicant
Registration No. 22,123


**AUTHORIZATION TO PAY AND PETITION FOR THE
ACCEPTANCE OF ANY NECESSARY FEES**

The Commissioner is hereby authorized to charge any additional fees which may be required either now or in the future regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to the Deposit Account No. 502635 of DUCKOR SPRADLING METZGER & WYNNE. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to the Deposit Account No. 502635 of DUCKOR SPRADLING METZGER & WYNNE. If any charges or fees must be paid in connection with the foregoing, concurrent or future communication (including, but not limited to, the payment of an extension fee or issue fees), or if any overpayment is to be refunded in connection with the above-identified application, any such charges or fees, or any such overpayment may be respectfully paid out of, or into, the Deposit Account No. 502635 of DUCKOR SPRADLING METZGER & WYNNE. If any such payment also requires a petition or extension request, please construe this authorization to pay as the necessary petition or request, which is required to accompany the payment.

Date: March 8, 2005

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Respectfully submitted,

By 

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/650,263
Filing Date	August 27, 2003
First Named Inventor	Baudenbacher, et al.
Art Unit	2862
Examiner Name	Kenneth J. Whittington
Attorney Docket Number	9278-100 (formerly 9129-111)

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

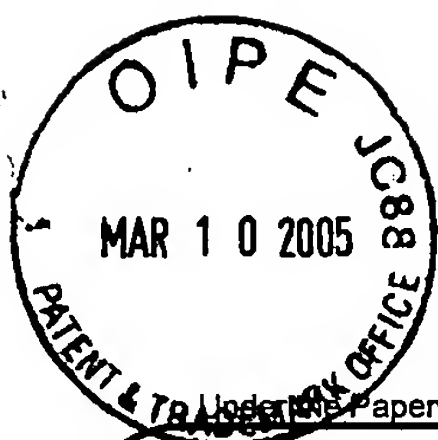
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Art Unit	2862
Examiner Name	Kenneth Whittington
Attorney Docket Number	9278-100 (9129-111)

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	CLEM, JOHN R., "Johnson Noise From Normal Metal Near a Superconducting SQUID Gradiometer Circuit," IEEE Trans. Magn., March 1987, pp. 1093-1096, Vol. Mag-23, No. 2	
	B	KETCHEN, M.B., et al., "Design, Fabrication, and Performance of Integrated Miniature SQUID Susceptometers," IEEE Trans. Mag., March 1989, pp. 1212-1215, Vol. 25, No. 2	
	C	BUCHANAN, D.S., et al., WILLIAMSON, S. J. (Ed.) "MicroSQUID: A Close-Spaced Four Channel Magnetometer," Advances in Biomagnetism, 1990, pp. 677-679, Plenum Press, New York	
	D	WEINSTOCK, HAROLD, "A Review of SQUID Magnetometry Applied to Nondestructive Evaluation," IEEE Trans. Magn., March 1991, pp.3231-3236, Vol.27, No. 2	
	E	CLARKE, J., WEINSTOCK, H. (Ed.), "SQUID Sensors: Fundamentals, Fabrication and Applications," 1996, pp. 1-23 and 26-62, Vol. 329, Kluwer, The Netherlands	
	F	DANTSKER, E., et al., "Low Excess Flux Noise in (YBCO) SQUIDS Cooled in Static Magnetic Fields," June 1997, pp. 2772-2775, IEEE Trans. Appl. Supercond. Vol. 7, No. 2	
	H	LEE, THOMAS S., et al., "High Tc SQUID Microscope for Room Temperature Samples," June 1997, pp. 3147-3150, IEEE Trans. Appl. Supercond. Vol. 7, No. 2	
	I	WELLSTOOD, F.C., et al., "Magnetic Microscopy Using SQUIDS," June 1997, pp. 3134-3138, IEEE Trans. Appl. Supercond. Vol. 7, No. 2	

Examiner Signature	Date Considered
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